

Expansion of TBL Transmission Planning Capabilities

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Summary of Recommendations

- Engage regional stakeholders in TBL's planning process
 - Goal is to **share information** that would lead to a more efficient region-wide system
- Biennial system-wide report
 - **Describes the expected use** of BPA's transmission facilities over the following 10 years
- Refinement of existing planning process
 - **Screen transmission projects** against the costs of various forms of suitably located and operated generation, load management, and transmission pricing

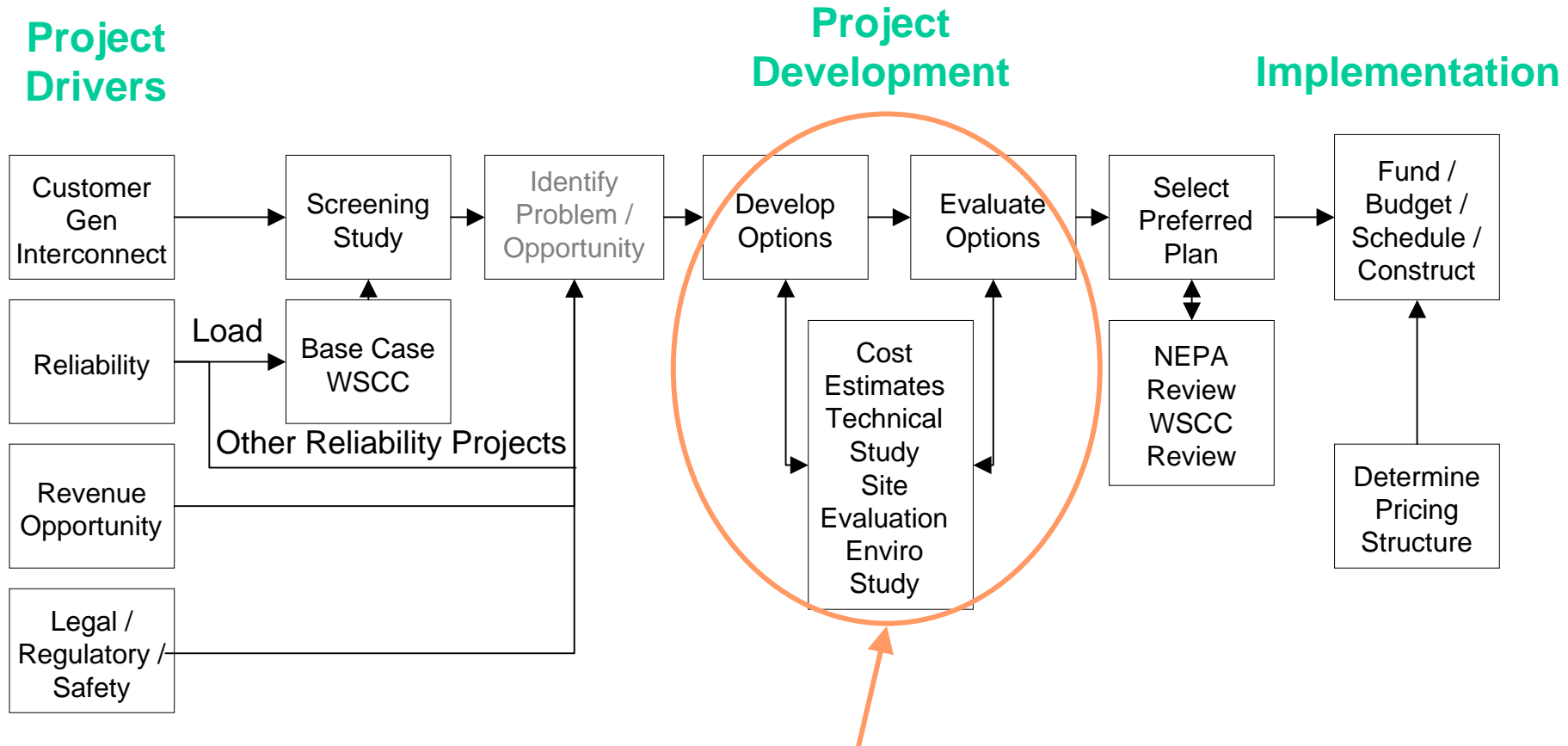
Existing TBL Planning Process

- Designed to **meet anticipated customer needs**
- **Reactive** -- driven by events external to TBL

Problems with Traditional Planning

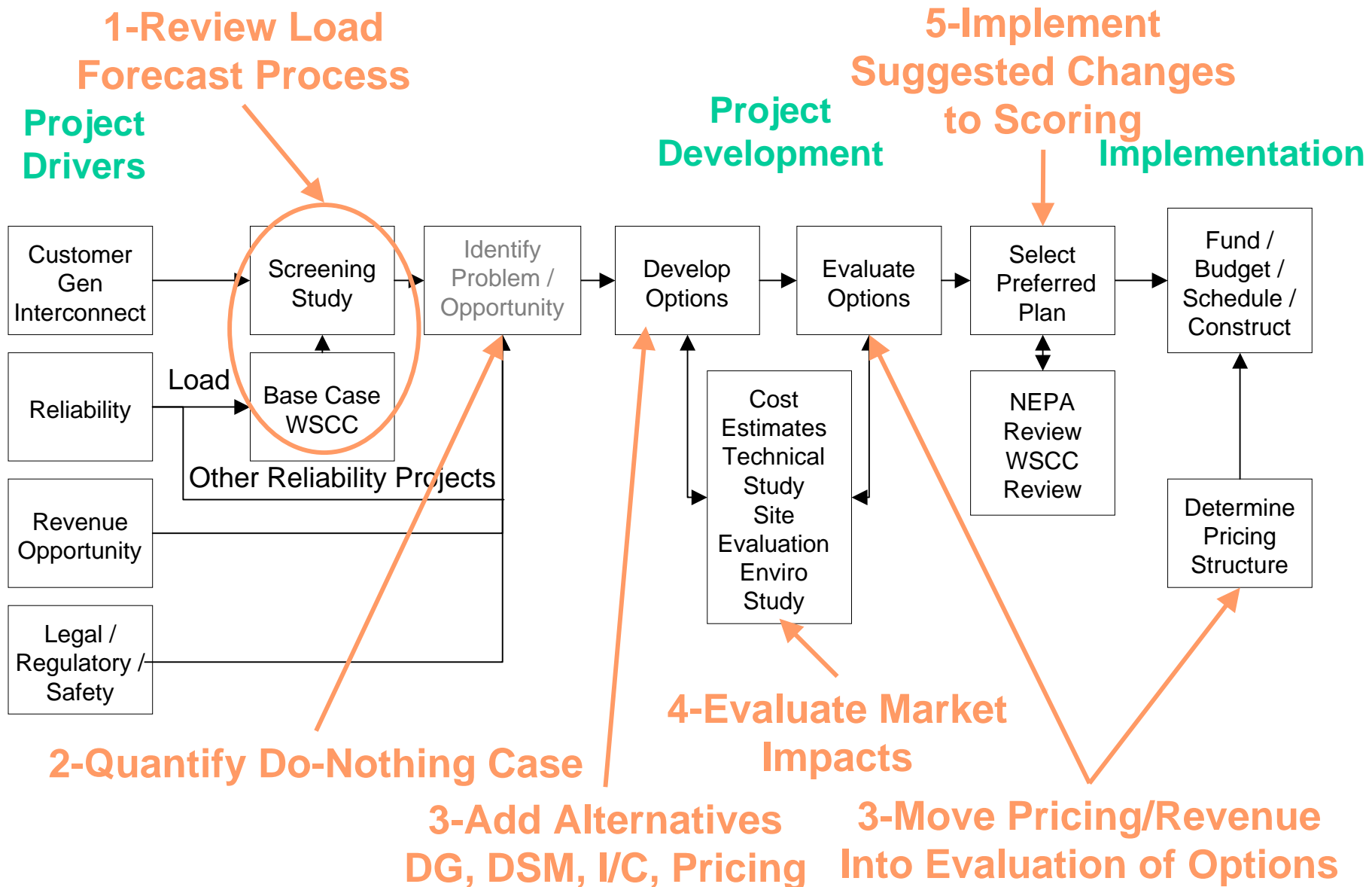
- **Reactive** -- driven by events external to TBL
- Insufficient time to consider non-wires alternatives
- Insufficient time to engage other stakeholders

Overview of Existing Process



Level of detail changes with
cost and risk of projects

Suggested Modifications

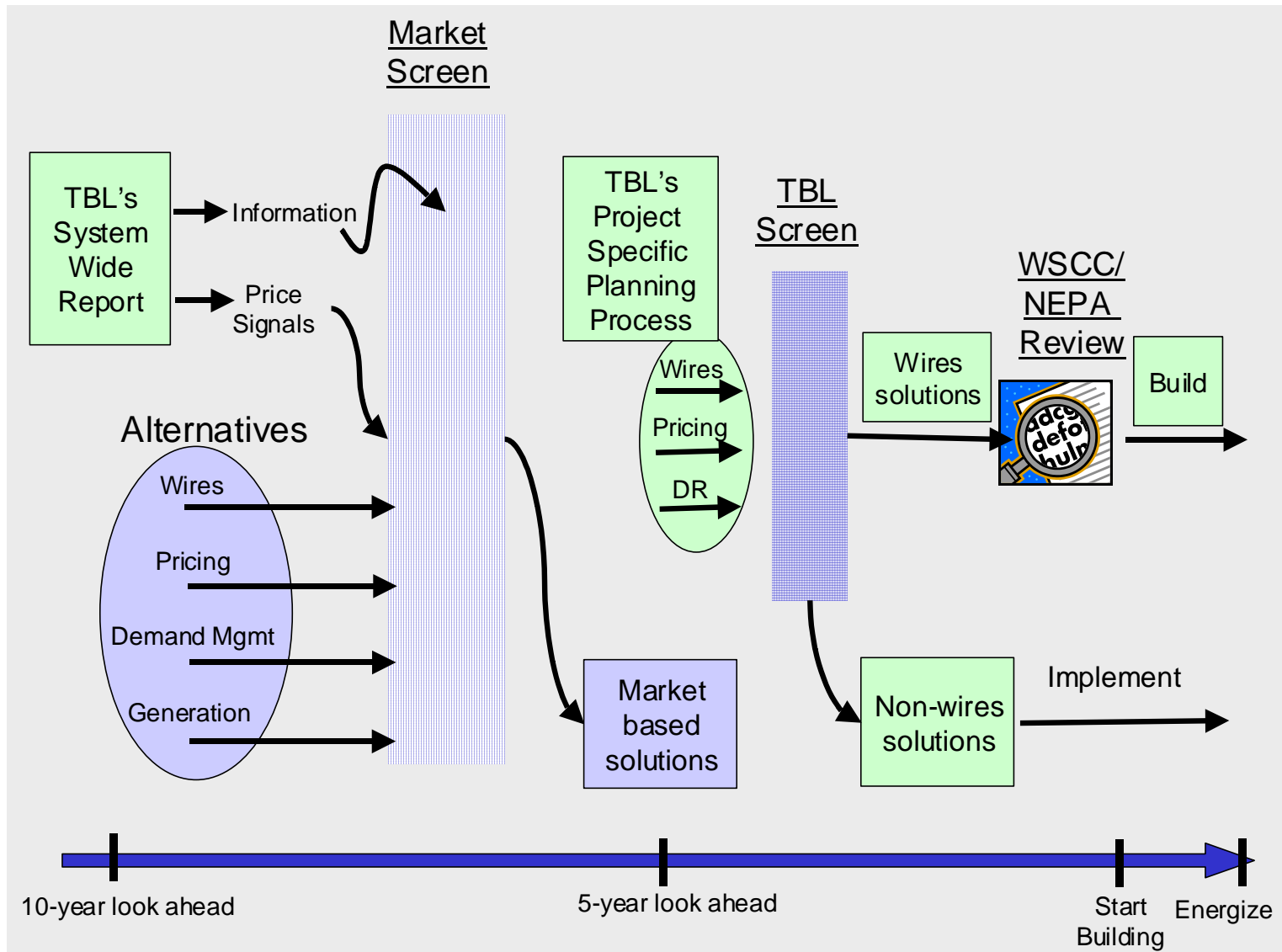


Extending the Existing Process

- A first screen to identify transmission problems that cannot be solved by non-wires alternatives.
- A second screen (for remaining transmission projects) against the costs of strategically located and operated generation, demand management, and transmission-pricing programs.

The TBL Backstop Screen

The Multiple Screening Process



Transmission Planning During Transition to Fully Functioning Markets

- Transparent planning in lieu of being able to set prices or to do least-cost planning.
- Coordination with affected parties

Engage Regional Stakeholders

Share information that will lead to more
efficient region-wide system

Workshops for Stakeholders

- ❶ Conduct scoping workshop with interested and affected parties
- ❷ Discuss findings in biennial report and identify potential non-wires solutions to transmission needs identified.
- ❸ In second workshop ask for specific actions that can be taken by regional parties, and that would be as reliable and as cost-effective as wires upgrades.